

The Construction Manual has been updated to include new or revised specifications and procedures. There are significant revisions in several Divisions of the manual, which are listed on the page below.

Hard copies of the 2011 Construction Manual will be available for distribution by June 1, 2011.

2011 Significant Revisions

All sections of the manual have been reviewed and updated in accordance with the NCDOT 2012 Standard Specifications for Roads and Structures.

Division One

- 109-4(B) Prompt Pay –
- Outlined process to handle prompt pay issues
 - Sample letter

Division Two

- 220 Blasting (**NEW**) – moved from Division One
275 Rock Plating (**NEW**)

Division Three

The entire section was updated to correspond with the new Standard Drawings, use of alternate drainage pipes, bedding and backfill requirements and engineering fabric requirements.

Division Four

- 411 Drilled Piers (**NEW**)

Division Five

- 501-3 Lime-treated Soil – Limitations
- Removed calendar limitation (Nov, 1 – Mar, 15), prohibited only temperature below 45 degrees
- 542-3 Soil-Cement Base – Limitations
- Removed calendar limitation (Nov, 1 – Mar, 15), prohibited only temperature below 40 degrees

Division Six

- 600 Asphalt Pavements – Payment of asphalt binder based on asphalt binder or polymer modified asphalt binder for plant mix

Division Twelve

- 1205-3H Observation - Revised the 180 day observation period to one (1) year.
 - Assessing Damages - Revised the existing procedure for assessing damages.
- 1205-4(C) Thermoplastic – Application –
 - Check minimum reflective measurements within 30 days after placement instead of maintain minimum measurements for 30 days
 - Thermoplastic - Observation Period – Changed the maintenance of minimum reflective values to a 30 day window
- 1205-5(C) Polyurea – Application –
 - Check minimum reflective measurements within 30 days after placement instead of maintain minimum measurements for 30 days
 - Observation Period – Changed the maintenance of minimum reflective values to a 30 day window

Records and Reports

- Twelve Month Guarantee Review – Example Letters
- FEMA As-Built Certifications – Procedures and Examples
- Closeout Process for Division Let and Local Administered Projects